Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

11/05/2003

SMITH, GAMBRELL & RUSSELL, LLP SUITE 800

1850 M STREET, N.W. WASHINGTON, DC 20036

4



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
00/042 036	08/31/2001	Brigitte Bathe	32301 WD205	8055	

TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE SIGH GENE

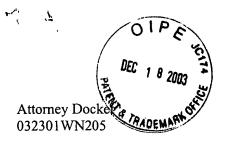
APPLN. TYPE	SMALL ENTITY	ISSUE FE	PUBLICATION FEE	TOTAL FEE(S) DUE	. DATE DUE
nonprovisional	visional NO \$13		\$300	\$1630	02/05/2004
EXA	MINER	ART UNI	CLASS-SUBCLASS		,
FRONDA, CHRISTIAN L		1652	435-115000	_ .	
Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front page names of up to 3 registered patent agents OR, alternatively, (2) the name firm (having as a member a registered agent) and the names of up to 2 regis attorneys or agents. If no name is list will be printed.	attorneys or a single diattorney or stered patent	Smith, Gambrell & Russell 2

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE DEGUSSA AG	(B) RESIDENCE: (CITY: Dusseldorf,	and STATE OR COUNTRY) Germany	v v
Please check the appropriate assignee category or categori	ies (will not be printed on the patent);	individual Socorporation o	or other private group entity 🔲 government
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):		
X Issue Fee	A check in the amount	nt of the fee(s) is enclosed.	
☼ Publication Fee	☐ Payment by credit ca	ard. Form PTO-2038 is attached.	(any additional)
Advance Order - # of Copies4	The Director is here Deposit Account Numb	by authorized by charge the receiver 02-4300 (e	quired fee(s), or credit any overpayment, to inclose an extra copy of this form).
Director for Patients is equested to apply the Issue Fee and Wy Wo.	d Publication Fee (if any) or to re-apply a	ny previously paid issue fee to th	e application identified above.
(Authorized Signature)	(Date)		
Robert G. Weilacher, Reg. No	o. 20,531, December 18	8, 2003	
NOTE; The Issue Fee and Publication Fee (if required other than the applicant; a registered attorney or ager interest as shown by the records of the United States Pate. This collection of information is required by 37 CFR obtain or retain a benefit by the public which is to file application. Confidentiality is governed by 35 U.S.C. 12 estimated to take 12 minutes to complete, including gat completed application form to the USPTO. Time will case. Any comments on the amount of time you re suggestions for reducing this burden, should be sent to Patent and Trademark Office, U.S. Department of	nt; or the assignee or other party in tent and Trademark Office. 1.311. The information is required to the (and by the USPTO to process) and 22 and 37 CFR 1.14. This collection is thering, preparing, and submitting the vary depending upon the individual equire to complete this form and/or to complete thi	12/22/2003 MGEBREH2 01 FC:1501 02 FC:1504 03 FC:8001	00000004 09942936 1330.00 QP 300.00 QP 12.00 QP
22313-1450. DO NOT SEND FEES OR COMPLET SEND TO: Commissioner for Patents, Alexandria, Virgi			

TRANSMIT THIS FORM WITH FEE(S)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the appli	cation of:)		
Brigit	te BATHE, et al.)	Examiner: C. FRONDA	
Serial No. :	09/942,936)	Group Art Unit: 1652	
Filed:	August 31, 2001)		
For:	NUCLEOTIDE SEQUENC	CES WHI	CH CODE FOR THE sigH GENE	

ISSUE FEE TRANSMITTAL LETTER

BOX ISSUE FEES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is:

ITEM(s)

FEE

1. Part B – Fee(s) Transmittal

\$1,642.00 (\$1,330.00 Issue Fee, \$300 Publication Fee and \$12.00 for (4) soft copies).

2. Check for \$1,642.00

Respectfully submitted, SMITH, GAMBRELL & RUSSELL, LLP

Robert G. Weilacher, Reg. No. 20,531

1850 M Street, NW - Suite 800

Washington, DC 20036 Telephone: 202/263-4300 Facsimile: 202/263-4329

Dated: December 18, 2003 RGW/BLN

SGRDC/208369.1